[FIG. 6]

A1: RESTART ALTERNATING-CURRENT MOTOR IN FREE RUNNING STATE

S1: SUPPLY PREDETERMINED DIRECT CURRENT TO ALTERNATING-CURRENT MOTOR FOR PREDETERMINED TIME PERIOD.

S2: DETERMINE FREQUENCY AND ROTATIONAL DIRECTION BASED ON DETECTed VALUE OF TORQUE CURRENT FLOWING IN ALTERNATING-CURRENT MOTOR.

S3: DESIGNATE ABOVE DESCRIBED FREQUENCY AND ROTATIONAL DIRECTION TO OUTPUT FREQUENCY ADJUSTMENT CIRCUIT.

S4: CURRENT CONTINUOUSLY FLOWING IN ALTERNATING-CURRENT MOTOR AT DESIGNATED LEVEL OR HIGHER FOR PREDETERMINED TIME PERIOD?

S5: DETERMINE TO BE ABNORMAL STATE.

S6: HALT POWER CONVERTER.

S7: DETERMINE TO BE NORMAL START.

S8: SWITCH SWITCHES S1 TO S3 TO SIDE A.

[FIG. 7]

1: POWER CONVERTER

2: ALTERNATING-CURRENT MOTOR

4: d-q CONVERSION

5: TORQUE CURRENT CONTROL CIRCUIT

7: PHASE OPERATION CIRCUIT

8: V/f CONVERSION

9: OUTPUT VOLTAGE OPERATION CIRCUIT